

THOMAS ELLIOTT SNYDER
A BIBLIOGRAPHY

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ABSTRACT—A list of the more than 300 publications of Dr. Thomas Elliott Snyder is presented. For those articles where new taxa were proposed, a list of the new taxa is given.

During a span of 58 years, Dr. T. E. Snyder (Obituary, Proc. Ent. Soc. Wash., 1971, 73:239–242) authored or co-authored over 300 articles, mostly on termites but many on other insects destructive to forests and forest products. Based on his notes, reprints, Bibliography of Termites and both Supplements (1956, 1961, 1968), and his Catalog of the Termites of the World (1949), the following complete compilation of Dr. Snyder's articles is presented. This does not include many news or press releases and mimeographed reports. Dr. Snyder's interests were broad, as his publications reveal, and deal with biology, control, and taxonomy. He described over 170 new species and other taxa, and these are listed, in parentheses, following the article in which they appear. After his retirement and between 1952 and 1957, Dr. Snyder ran a column in *Pest Control* called "Borer Lines" which account for many of the articles during that period.

The first listing is those for which Dr. Snyder was sole author. This is followed by the articles for which he was senior author and those for which he was junior author. I have attempted to arrange the publications chronologically in the order in which they appeared in the same year.

Snyder, T. E.

- 1910. Insects injurious to forest and forest products: Damage to chestnut telephone and telegraph poles by wood-boring insects. U.S. Dept. Agr., Bur. Ent. Bull. 94, pt. I, pp. 1–12.
- 1911. Damage to telephone and telegraph poles by wood-boring insects. U.S. Dept. Agr., Bur. Ent. Circ. (2nd ser.) 134, pp. 1–6.
- 1912. Insect damage to mine props and methods of preventing the damage. U.S. Dept. Agr., Bur. Ent. Circ. (2nd ser.) 156, pp. 1–4.
- . Record of the finding of a true queen of *Termes flavipes* Kol. Proc. Ent. Soc. Wash. 14:107–108.
- 1913. Changes during the quiescent stages in the metamorphosis of termites. Science (n.s.) 38:487–488.
- . Record of the rearing of *Cupes concolor* Westw. Proc. Ent. Soc. Wash. 15:30–31.

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- . The ovipositor of *Parandra brunnea* Fab. Proc. Ent. Soc. Wash. 15: 131-133.
- . Changes during quiescent stages in the metamorphosis of termites. Proc. Ent. Soc. Wash. 15:162-165.
1915. Insects injurious to forests and forest products: Biology of the termites of the eastern United States with preventive and remedial measures. U.S. Dept. Agr., Bur. Ent. Bull. 94, pt. 2, pp. 13-85.
1916. Termites, or "white ants," in the United States: Their damage and methods of prevention. U.S. Dept. Agr. Bull. 333, pp. 1-32.
- . Egg and manner of oviposition of *Lyctus planicollis*. Jour. Agr. Res. 6:273-276.
- . "White ants" as pests in the United States and methods of preventing their damage. U.S. Dept. Agr., Farmers' Bull. 759, pp. 1-20.
- . Notes on horseflies as a pest in southern Florida. Proc. Ent. Soc. Wash. 18:208-210.
1917. A peculiar habit of a horsefly (*Tabanus americanus*) in the Florida Everglades. Proc. Ent. Soc. Wash. 19:141-145.
1919. Injury to Casuarina trees in southern Florida by the mangrove borer. Jour. Agr. Res. 16:155-164.
- . Some significant modifications in nearctic termites. Proc. Ent. Soc. Wash. 21:97-104.
- . "White ants" as pests in the United States and methods of preventing their damage. U.S. Dept. Agr., Farmers' Bull. 1037, pp. 1-16.
- . White ant-proof wood for the tropics. American Lumberman, No. 2324, p. 58, Nov. 29. (Reprinted in Jour. Econ. Ent. 1921, 14:496-501).
1920. "White ants" as pests in the United States and methods of preventing damage. Calif. State Dept. Agr. Monthly Bull. 9:7-20. (Reprint of U.S. Dept. Agr., Farmers' Bull. 1037.)
- . Two new termites from Arizona. Proc. Ent. Soc. Wash. 22:38-40. (*Kaloterme banksi*, n. sp., *Reticulitermes aureus*, n. sp.)
- . The colonizing reproductive adults of termites. Proc. Ent. Soc. Wash. 22:109-150.
- . Protecting buildings against the white ant. Engineering News-Record 84(23):1110-1112.
- . White ants avenge exposure of methods. Engineering News-Record 85(8):373.
1921. Defective shade trees menace life. American Forester 27:309-311.
- . Injury to structural timbers by lepidopterous larvae. Jour. Econ. Ent. 14:366-369.
- . White ant-proof wood for the tropics. Jour. Econ. Ent. 14:496-501.
1922. Obituary. Caroline Burling Thompson (1869-1921). Science (n.s.) 55:41-42.
- . Termites, or white ants, and their damage to poles and telephone equipment. Nat. Electr. Light Assoc., New York, Techn. Sec., Dept. Overhead Systems Comm. T 6-22, pp. 69-74.
- . Insect injury to green logs and lumber and methods of preventing this loss. The Southern Lumberman 108(1422):133-135.
- . New termites from Hawaii, Central and South America, and the Antilles. Proc. U.S. Nat. Mus. 61:1-32. (*Kaloterme immigrans*, n. sp.,

- K. montanus*, n. sp., *K. tuberculifrons*, n. sp., *K. cubanus*, n. sp., *Neotermes connexus*, n. sp., *N. connexus* var. *major*, n. var., *Cryptotermes rospigliosi*, n. sp., *C. piceatus*, n. sp., *C. thompsonae*, n. sp., *Coptotermes niger*, n. sp., *C. crassus*, n. sp., *Armitermes intermedius*, n. sp., *Constrictotermes (Tenuirostritermes) incisus*, n. sp., *C. (T.) briciae*, n. sp., *Anoplotermes gracilis*, n. sp., *A. manni*, n. sp.)
1923. A new *Reticulitermes* from the Orient. Jour. Wash. Acad. Sci. 13:107-109. (*R. chinensis*, n. sp.)
- . A new *Glyptotermes* from Porto Rico. Proc. Ent. Soc. Wash. 25:91-93. (*G. corniceps*, n. sp.)
- . Three new termites from the Canal Zone, Panama. Proc. Ent. Soc. Wash. 25:126-131. (*Mirotermes panamaensis*, n. sp., *Orthognathotermes whecleri*, n. sp., *Anoplotermes parvus*, n. sp.)
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- . Note. Budworm infestation in the Northwest. Jour. Forestry 21:655.
- . High temperature as a remedy for *Lyctus* powder-post beetles. Jour. Forestry 21:810-814.
- . Closer utilization helps conserve our forests—insect defects. The Southern Lumberman 112(1473):131-134.
1924. A new subgenus of *Nasutitermes* Banks. Proc. Ent. Soc. Wash. 26:20-24. (*Obtusitermes*, n. subg.)
- . Note on mating flight of *Hexagenia bilineata* Say. Proc. Ent. Soc. Wash. 26:24.
- . A new *Prorhinotermes* from Panama. Jour. Wash. Acad. Sci. 14:43-45. (*P. molinoi*, n. sp.)
- . The termite *Kalotermes* on Atlantic coast. Wood Preserving News 2(2):32.
- . An extraordinary new *Rhinotermes* from Panama. Proc. Biol. Soc. Wash. 37:83-86. (*R. longidens*, n. sp.)
- . Descriptions of new species and hitherto unknown castes of termites from America and Hawaii. Proc. U.S. Nat. Mus. 64:1-40. (*Kalotermes marjoriae*, n. sp., *K. tobogae*, n. sp., *Neotermes angustoculus*, n. sp., *Glyptotermes pubescens*, n. sp., *Leucotermes convexinotatus*, n. sp., *L. cardini*, n. sp., *L. longiceps*, n. sp., *Syntermes magnoculus*, n. sp., *S. emersoni*, n. sp., *S. colombianus*, n. sp., *Nasutitermes (Subulitermes) zeteki*, n. sp., *Anoplotermes hondurensis*, n. sp.)
- . Description of a new termite from Porto Rico. Proc. Ent. Soc. Wash. 26:131-132. (*Nasutitermes (Tenuirostritermes) wolcottii*, n. sp.)
- . Tests of methods of protecting woods against termites or white ants. U.S. Dept. Agr. Bull. 1231, pp. 1-16.
- . New termites and hitherto unknown castes from the Canal Zone, Panama. Jour. Agr. Res. 29:179-193. (*Kalotermes panamae*, n. sp., *K. (Glyptotermes) angustus*, n. sp., *K. (G.) barbouri*, n. sp., *K. (G.) emarginicollis*, n. sp., *Armitermes (Armitermes) chagresi*, n. sp., *A. (Rhynchotermes) perarmatus*, n. sp., *Nasutitermes (Uniformitermes)*, n. subg., *N. (U.) barrocoloradensis*, n. sp.)
- . Protecting wood against termites or white ants. Wood Preserving News 2(9):138.

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- . New American termites, including a new subgenus. Jour. Wash. Acad. Sci. 15:152-162. (*Kaloterme contracticomis*, n. sp., *Kaloterme (Calcariterme)*, n. subg., *K. (C.) imminens*, n. sp., *K. (C.) recessifrons*, n. sp., *K. (Glyptoterme) planus*, n. sp., *K. (G.) suturis*, n. sp., *Armiterme (Rhynchoterme) major*, n. sp.)
- . Injury to orchard trees by termites or white ants. The Citrus Industry 6(4):14-17.
- . Termites in buildings. Science 61:389.
- . A new *Rugiterme* from Panama. Jour. Wash. Acad. Sci. 15:197-200. (*Kaloterme (Rugiterme) isthmi*, n. sp.)
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- . A new Cuban termite. Proc. Ent. Soc. Wash. 27:105-106. (*Nasutiterme (Tenuirostriterme) brooksi*, n. sp.)
- . Insect Carpenters. Jour. Amer. Inst. Architects 13(7):277-278.
- . Powder-post in buildings. Jour. Amer. Inst. Architects 13(8):317-319.
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- . Flying ants in the house. Better Homes and Gardens 4(2):32-33.
- . New termites from the Solomon Islands and Santa Cruz Archipelago. Jour. Wash. Acad. Sci. 15:395-407. (*Neoterme sanctae-crucis*, n. sp., *Prothinoterme manni*, n. sp., *P. solomonensis*, n. sp., *Coptoterme grandiceps*, n. sp., *C. panuae*, n. sp., *C. solomonensis*, n. sp., *Rhinoterme (Schedorhinoterme) marjoriae*, n. sp., *R. (S.) sanctae-crucis*, n. sp., *R. (S.) solomonensis*, n. sp.)
- . New termites from the Solomon Islands and Santa Cruz Archipelago—II. Jour. Wash. Acad. Sci. 15:438-444. (*Nasutiterme (Gralloterme) oceanicum*, n. sp., *N. (Subuliterme) orientis*, n. sp., *N. (S.) orientis tulagiensis*, n. var., *N. (S.) sanctae-crucis*, n. sp., *Microceroterme piliceps*, n. sp.)
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1926. New termites from Guatemala, Costa Rica, and Colombia. Jour. Wash. Acad. Sci. 16:18-28. (*Kaloterms* (*Rugiterms*) *costaricensis*, n. sp., *K.* (*Calcariterms*) *asperatum*, n. sp., *K.* (*C.*) *guatemalae*, n. sp., *K.* (*C.*) *thompsonae*, n. sp., *K.* (*Glyptoterms*) *marlatti*, n. sp., *K.* (*G.*) *nevermani*, n. sp., *Capriterms* (*Neocapriterms*) *longinotus*, n. sp.)
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- . More about insects. Save the Surface Mag. 6(2):14.
- . Five new termites from Panama and Costa Rica. Proc. Ent. Soc. Wash. 28:7-16. (*Kaloterms* (*Kaloterms*) *clevelandi*, n. sp., *K.* (*Rugiterms*) *kirbyi*, n. sp., *K.* (*Cryptoterms*) *breviarticulatus*, n. sp., *Nasutiterms* (*Subuliterms*) *kirbyi*, n. sp., *N.* (*Convexiterms*) *clevelandi*, n. sp.)
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THE GENUS *ACROMETOPIA* SCHINER IN NORTH AMERICA

(DIPTERA: CHAMAEMYIIDAE)

McAlpine (1965. U.S.D.A. Handbook 276:707) lists only one species of *Acrometopia* for America north of Mexico, *A. punctata* Coquillett, with *Trigonometopus reticulatus* Johnson as a synonym. This synonymy was first brought forth by Sturtevant (1923. Amer. Mus. Nov. 76:4). I have examined the types of both species, as well as the additional material listed below, and I am convinced that they represent distinct species separable as follows.

KEY TO NORTH AMERICAN SPECIES OF *Acrometopia* SCHINER

- Wing with brown borders of posterior crossvein (*im*) continued to costa as a band, more or less divided anteriorly; tarsus and apical $\frac{2}{3}$ of tibia of foreleg blackish *A. punctata* Coquillett
- Wing with markings consisting of seams along crossveins and transverse bars in the cells, the marks rarely coinciding with any in an adjacent cell; foretarsus with at least basitarsus and second segment yellowish; foretibia wholly yellowish *A. reticulata* (Johnson)

Besides the type of *A. punctata*, a ♀ specimen from "S. Georgia (Morrison)" in the U.S. National Museum, only a ♂ specimen from Saraland, Mobile County, Alabama, October 26, 1916, cited by Sturtevant (l.c.) and now in the U.S. National Museum, has been seen.

The type of *A. reticulata*, a ♀ specimen from Crescent City, Florida, April 1908 (M. C. Van Duzee), and another ♀ specimen from Royal Palm Park, Florida, March 20-April 4 (W. S. Blatchley), are in the Museum of Comparative Zoology, Harvard University. There are in the U.S. National Museum 6 ♂ and 2 ♀ specimens of *A. reticulata* from Hialeah, Florida, 5 October 1970, swept from grass (Carl E. Stegmaier, Jr.).

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